

Abstract of the Disclosure

An apparatus for heating and melting solid lubricants in a delivery drum, including a heating element composed of armored resistors shaped as concentric rings and junction spokes.

A hoist lowers and raises the heating element into and out of the drum via vertical rods that are not heated. A first thermal sensor is connected with the heating element, and a second thermal sensor is mounted on the vertical rods. A transfer pump withdraws melted lubricant from the drum via a suction tube having a bottom valve at its foot. A lubricant delivery tube is connected to the output side of the pump.